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(54) PRODUCTION OF CALCIUM PHOSPHATE-BASED SURFACE POROUS ARTIFICIAL BONE

(57)Abstract:

PURPOSE: To readily obtain artificial bone having excellent new bone forming ability and strength, comprising a porous surface and a dense central part even in artificial bone of complicated shape.

CONSTITUTION: Granular cement of calcium phosphate is added to a mold. After or before hardening of the granular cement, finely granular cement of calcium phosphate is cast into the mold and hardened. Then the hardened material is taken out from the mold and cured in an aqueous solution at pH6-9 for ≥ 24 hours.

LEGAL STATUS

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